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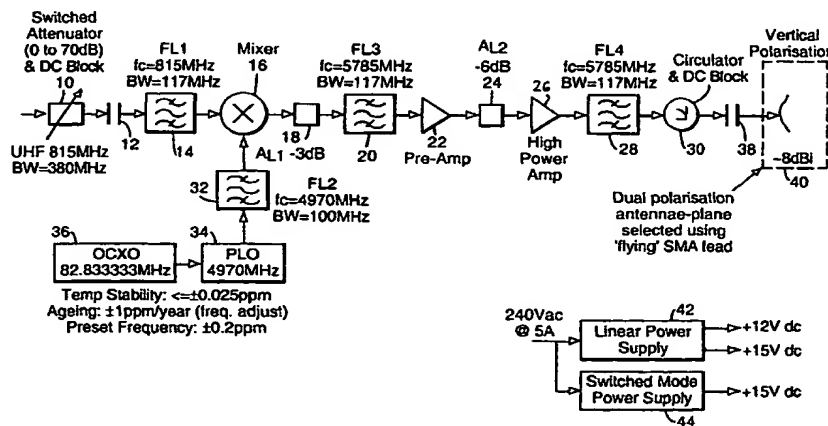
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(54) Title: METHOD OF, AND APPARATUS FOR, THE TRANSMISSION OF A PLURALITY OF SIGNALS



## (57) Abstract

The present invention relates to a method of, and apparatus for, the transmission of a plurality of signals. It relates particularly, but not exclusively, to the simultaneous transmission and distribution of Coded Frequency Division Multiplexing (COFDM) signals in a Cellular Access to Broadband Services and Interactive Television (CABSINET) microcell. The method, and apparatus, for the transmission of a plurality of signals, include the steps of a) receiving a plurality of input signals; b) attenuating the said signals so as to provide suitable signals for enabling other components to operate in a preferred operating region; c) band-pass filtering the said signals; d) translating the frequency of the said signals to provide modified signals in a predetermined bandwidth; e) attenuating the modified signals; f) band-pass filtering the modified signals; g) amplifying the modified signals; h) band-pass filtering the modified signals; and i) transmitting the modified signals to a plurality of receivers, so that each receiver, when suitably tuned, receives a separate transmitted signal. An advantage of the invention, over existing systems, is that the expensive and disruptive process of installation of cables is avoided.

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# INTERNATIONAL SEARCH REPORT

International Application No

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B7/155 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 428 600 A (POTIER THIERRY) 27 June 1995 (1995-06-27) cited in the application abstract column 1, line 40 -column 2, line 51 figure 2	1,2,6, 16,17
A	EP 0 762 661 A (AT & T CORP) 12 March 1997 (1997-03-12) abstract claims 1-9 figures 2-4	1,2,6, 16,17
A	EP 0 886 361 A (HEWLETT PACKARD CO) 23 December 1998 (1998-12-23) abstract	4,7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 017 343 A (DECCA LTD)  15 October 1980 (1980-10-15)  abstract</p> <p>-----</p>	5, 11, 12

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Information on patent family members

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